

Under the Paperwork Reduction Act of 1994, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: 2003-1782

First Named Inventor : Hisashi ADACHI et al.

Title: FREQUENCY SYNTHESIZER APPARATUS EQUIPPED WITH FRACTION PART CONTROL CIRCUIT, COMMUNICATION APPARATUS, FREQUENCY MODULATOR APPARATUS, AND FREQUENCY MODULATING METHOD

Express Mail Label No.: PTO 10/728863  
U.S. 120803**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

Commissioner for Patents  
ADDRESS TO: P.O. Box 1450  
Alexandria, VA 22313-1450

1.  Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)

2.  Small Entity Status is hereby asserted.

3.  Specification

(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Sequence Listing, a table, or a computer program listing appendix.
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings(if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 USC 113)

(Total Sheets: 13)

5.  Oath or Declaration

(Total Pages : 3)

- a.1.  Newly executed (original or copy)
- a.2.  Unexecuted
- b.  Copy from a prior application(37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)

i.  **DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet (see 37 CFR 1.76)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below, and in a preliminary amendment, or in an Application Data Sheet :

Continuation       Divisional       Continuation-in-part (CIP)      of prior application No. 09/733,949

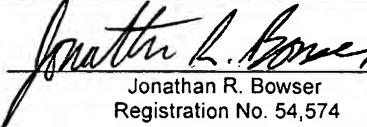
Prior Application Information    Examiner B. L. Deppe    Group Art Unit 2634

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference therein. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

CUSTOMER NO.

000513

By: 

Jonathan R. Bowser

Registration No. 54,574

WENDEROTH, LIND & PONACK, L.L.P.  
2033 "K" Street, N.W., Suite 800  
Washington, D.C. 20006-1021  
Phone:(202) 721-8200  
Fax:(202) 721-8250

THE COMMISSIONER DEEMED AUTHORIZED

TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Attn: APPLICATION BRANCH

Hisashi ADACHI et al. : Attorney Docket No. 2003-1782

Serial No. NEW :

Filed December 8, 2003 :

FREQUENCY SYNTHESIZER APPARATUS  
EQUIPPED WITH FRACTION PART CONTROL  
CIRCUIT, COMMUNICATION APPARATUS,  
FREQUENCY MODULATOR APPARATUS, AND  
FREQUENCY MODULATING METHOD

(Rule 1.53(b) Divisional  
of Serial No. 09/733,949,  
Filed December 12, 2000)

**PATENT OFFICE FEE TRANSMITTAL FORM**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

Sir:

Attached hereto is a check in the amount of \$770.00 to cover Patent Office fees relating to filing the following attached papers:

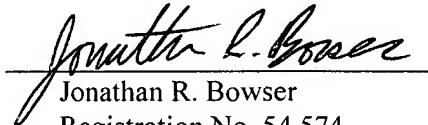
Rule 53(b) application ..... \$770.00

A duplicate copy of this paper is being submitted for use in the Accounting Division, Office of Finance.

*The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.*

Respectfully submitted,

Hisashi ADACHI et al.

By   
Jonathan R. Bowser  
Registration No. 54,574  
Attorney for Applicants

JRB(JRF)/nk  
WENDEROTH, LIND & PONACK, L.L.P.  
2033 K St., N.W., Suite 800  
Washington, D.C. 20006-1021  
Telephone (202) 721-8200  
December 8, 2003

[Check No. 59100]  
2003\_1782